

PTO/SB/05 (03-01) Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No.		500.41483X00	
First Inv	rentor	MORI, KAZUHISA	<u>e</u>
Title	POWER CO	ONVERTER	ري د
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(Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Assistant Commissioner for Patents **APPLICATION ELEMENTS Box Patent Application** ADDRESS TO: Washington, DC 20231 SEE MPEP chapter 600 concerning utility patent application contents. Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. fif applicable, all necessary) See 37 CFR 1.27. a. Computer Readable Form (CRF) b. Specification Sequence Listing on: з. 🛛 Specification [Total Pages: 37] i. . D CD-ROM or CD-R (2 copies); or -Descriptive title of the invention -Cross Reference to Related Applications ii. . D paper -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, c. Statements verifying identity of above copies or a computer program listing appendix -Background of the Invention **ACCOMPANYING APPLICATION PARTS** -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description Assignment Papers (cover sheet & documents(s)) -Claim(s) -Abstract of the Disclosure Power of Attorney 37 CFR 3.73(b) Statement (when there is an assignee) 4. Drawing(s) (35 U.S.C. 113) [Total Pages: 7] English Translation Document (if applicable) 5. Oath or Declaration [Total Pages: \_\_ Copies of IDS Citations Information Disclosure Newly executed (original or copy) Statement (IDS)/PTO-1449 Copy from a prior application (37 CFR 1.63 (d)) **Preliminary Amendment** (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) (Should be specifically itemized) **DELETION OF INVENTOR(S)** Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) Named in the prior application, see 37 CFR Nonpublication Request under 35 U.S.C. 122 1.63(d)(2) and 1.33(b) (b)(2)(B)(i). Applicant must attach form PTO/SB/35 Application Data Sheet. See 37 CFR 1.76 or its equivalent. Other: Figs. 1A-1B,2,3A-3F,4-6,7A-7B,8A-8B,9, Credit Card Payment Form, Claim For Priority Letter, Information Disclosure Sheet Under 37 CFR 1.56 w/refs. 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: \_\_\_ Divisional Continuation-in-part (CIP) of prior application No.: Continuation Group Art Unit: Prior application information:

Box 5b, is considered a pa	art of the disclosu	re of the accompanying	continua	tion or divisional application ently omitted from the submi	and is here	by incorporated by refer	
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Signature Vu	1 Mu	7			Date	March 19, 2002	

PTO/SB/17 (10-01)

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EEE TOANGMITTA	1				Complete if Known	
FEE TRANSMITTA	L	Applica	tion Nu	mber		
for FY 2002		Filing D	ate		March 19, 2002	TO
101 1 1 2002		First Na	med Ir	ventor	MORI, KAZUHISA	54m
Patent fees are subject to annual revisi	on.	Examin				86
		Group A	Art Unit			200
TOTAL AMOUNT OF PAYMENT (\$) 992.00		Attorne			500.41483X00	60
METHOD OF PAYMENT				FEE	CALCULATION (continued)	Ü
The Commissioner is hereby authorized to charge indifees and credit overpayments to:     Deposit Account Number 01-2135     Deposit Account Name Antonelli, Terry, Stout & Kraus     Charge Any Additional Fee Required	LLP Fe	ADDITIO Large Entity se Fee ode (\$)	Fee Code	EES Small Entity Fee (\$)	Fee Description	Fee Paid
Under 37 CFR 1.1 6 and 1.17 Applicant Claims small entity status. See 37 CFR 1.27	10 12		205 227	25	Surcharge – late filing fee or oath Surcharge – late provisional filing fee or	
2.   Payment Enclosed:	13	9 130	139		cover sheet Non-English specification	
☐ Check ☐ Credit Card ☐ Money Order ☐ Othe			147		For filing a request for ex parte reexamination	
FEE CALCULATION	11	•	112	920*	Requesting publication of SIR prior to	
2. BASIC FILING FEE	11	3 1,840°	113	1,840*	Examination action Requesting publication of SIR after	
Large Entity Small Entity  Fee Fee Fee Fee Description Fee P	aid 11	5 110	245		Examiner action	
Code (\$) Code (\$)	11		215 216		Extension for reply within first month  Extension for reply within second month	
101 740 201 370 Utility filing fee 740.00	11		217		Extension for reply within third month	
107 510 207 255 Plant filing fee			218		Extension for reply within fourth month	
108 740 208 370 Reissue filing fee	12		228		Extension for reply within fifth month	
114 160 214 80 Provisional filing fee	11		219		Notice of Appeal	
114 100 214 00 7 104131011di 1iii/ig 100	12		220		Filing a brief in support of an appeal	
SUBTOTAL (1) 740.00	12		221		Request for oral hearing	
1. EXTRA CLAIM FEES	13		138		Petition to institute a public use proceeding	
Fee from	14		240		Petition to revive – unavoidable	
Extra Claims below Fee Pa	d 14		241		Petition to revive – unintentional	
Total Claims 16 -20** = 0 x 18 = 0	14		242		Utility issue fee (or reissue)	
Indep. Claims 6-3** = 3 x 84 = 252.00		•	243		Design issue fee	
Multiple Dependent 280 = 0	14	-	244		Plant issue fee	
Montple Dependent 200 - 0	12		122		Petitions to the Commissioner	
Large Entity Small Entity	12		123	50	Processing fee under 37 CFR 1.17(q)	
Fee Fee Fee Fee Description	12		126		Submission of Information Disclosure Stmt	
Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20	58	1 40	581		Recording each patent assignment per property (times number of properties)	
102 84 202 42 Independent claims in excess of	'*	6 740	246	370	For each additional invention to be examined (37 CFR § 1.129(a))	
104 280 204 140 Multiple dependent claim, if not p	aid 14	9 740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
109 84 209 42 ** Reissue independent claims over original patent		9 740	279		Request for Continued Examination (RCE)	
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	16		169	900	Request for expedited examination of a design application	
SUBTOTAL (2) \$ 252.00	Ot	ther fee (spe	cify)			
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**or number previously paid, if greater; For Reissues, see above.	*R	Reduced by E	Basic Fili	ing Fee I	Paid SUBTOTAL (3) (\$	0.00

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Melvin Kraus	Registration No. (Attorney/Agent)	22,466	Telephone	703-312-6600
Signature	mulihum			Date	03/19/2002

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